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## GROUPS OF BORRELIA BURGDORFERI AND BORRELIA AFZELII THAT CAUSE LYME DISEASE IN HUMANS

## ABSTRACT OF THE DISCLOSURE

The present invention is drawn to an immunogenic composition comprising

5 OspC polypeptides from Lyme Disease causing *Borrelia*. In one embodiment, the immunogenic composition of the present invention comprises at least one OspC polypeptide or immunogenic fragment thereof from each of *Borrelia burgdorferi* OspC families A, B, I and K. In another embodiment, the immunogenic composition of the present invention comprises at least one OspC polypeptide or immunogenic fragment thereof from each of *Borrelia afzelii* OspC families A and B.